Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

Art unit

√ Rejected
= Allowed

__ (Through numeral)
Cancelled

Restricted

Non-Elected
I Interference

A Appeal
O Objected

| | | • | l | | 1 | | | _ | _ | _ | | | | | L | L |
|----------------|----------|--|---------------|--------------|------|----------|-------------|----------|---------|----------------|----------|----------|----------|-----------|----|--|
| Г | CI | | _ | _ | | | | | | | _ | | | _ | | |
| - | Claim | | | | Date | | | | | | | | | | | |
| | Final | Original | , | | | | | | | | | | | | | |
| | | 1 | 7 | | - | ┪ | | ÷ | - | ╁ | + | | ╁ | 4 | | ╁ |
| F | | 1 2 3 4 5 | 7 | _ | - | + | | ╁ | _ | ╁ | + | | ╀ | - | | ╀ |
| i | | 3 | $^{+}$ | _ | - | + | | Ť | | ⊦ | ÷ | | ├ | - | | ╀ |
| | | 4 | 1 | | - | + | _ | t | | - | + | | ┝ | + | | - |
| | | 5 | + | H | - | + | _ | ł | _ | ┝ | + | | ├ | + | | - |
| - | ! | 6 | | | - | | _ | <u>-</u> | _ | - | | | - | 4 | | ┼- |
| | \dashv | 6 7 | † | T | _ | 7 | - | ī | | ┝ | | | - | + | | ⊢ |
| | | 8- | 1 | ٦ | _ | †: | - | ╁ | - | - | ╅ | _ | H | + | | - |
| | | 9 |) | | - | + | | t | _ | - | ÷ | - | - | + | - | - |
| Г | | 10 | | 7 | | + | | Ħ | | H | + | - | - | + | | - |
| | | V | 1 | 7 | _ | † | | H | | | ij | | - | † | | - |
| | | 12 13 | 7 | | _ | 1 | _ | İ | | | T | | _ | \dagger | | - |
| | | 13 | J | \neg | | 7 | | Γ | | | Ť. | 7 | _ | t | _ | |
| L | (| 14 15 | 7 | | _ | | | i | | | i | \neg | _ | † | _ | |
| _ | 4 | | <u>+</u> | _ | | | | | | | 1 | 7 | | 1 | | _ |
| Ŀ | _\ | 18 | ╀ | 4 | _ | L | | L | \perp | | 1 | | | I | | |
| _ | \perp | 17 | \perp | 1 | _ | L | | | 1 | | \perp | | | L | | |
| <u> </u> | + | 18 19 | ╀ | _ | ٠. | ╀ | | _ | 4 | | \perp | 4 | | L | | <u>. </u> |
| - | | 19 | t | 4 | | ╄ | 4 | _ | 4 | <i>:</i> | 1 | 4 | | L | _ | |
| | - | 20 21 22 | ╬ | - - | | <u> </u> | | _ | 4 | | <u> </u> | 4 | | L | 4 | |
| - | + | 22 | ╀ | + | - | ╀ | 4 | | + | _ | ╀ | 4 | | L | 4 | |
| - | + | 23 | ╁╴ | + | _ | ┝ | - | | + | _ | ╀ | + | | L | - | _ |
| | - | 24 | ┢ | ╁ | - | - | + | - | ╁ | | ╢ | + | | ┞ | + | _ |
| | \top | 25 | ┢ | †- | | \vdash | t | | + | _ | ╁ | + | _ | - | + | |
| | | 25 26 | | † | _ | ┢ | 7 | _ | † | | ╁ | ╁ | _ | ┝ | + | \dashv |
| | | 27 | | 1 | _ | Г | 1 | _ | † | | 1 | + | | H | + | \neg |
| | | 28 29 | | | _ | | T | | Ť | | T | † | | | 7 | ㅓ |
| _ | 43 | 29 | L | | | | | | Ι | | | 7 | | | Ť | |
| | 1 | 30 | _ | 1 | | | 1 | _ | | | | \perp | | | I | |
| | | 31 32 | _ | \perp | _ | _ | 1 | | 1 | _ | _ | \perp | | _ | | |
| | +; | 32 | _ | + | 4 | | + | | 1 | _ | | 1 | _ | _ | 1 | |
| | +; | 33 34 | | +- | - | _ | + | | ╀ | _ | _ | - | _ | | 1 | _ |
| | + | 35 | | ╢ | - | | + | _ | ╀ | - | _ | + | - | _ | + | 4 |
| | | 36 | _ | + | + | | + | _ | + | - | | ╁ | \dashv | _ | + | \dashv |
| | 13 | 37 | | 1- | 1 | | -!- | _ | - | - | | + | + | | + | \dashv |
| | 3 | 38 | | 1- | 1 | | | | H | _ | | j- | + | | + | \dashv |
| | 3 | 39 | | † | 7 | | ; | _ | Γ | T | | 1 | 7 | _ | † | ┪ |
| | 4 | 0 | | | | _ | | | Γ | | | ✝ | 7 | _ | ╁ | ┪ |
| | 4 | 1 | | 1 | - | | | _ | | i | | 1 | -1 | _ | 1 | \neg |
| | 1-4 | 2 | | į | -:- | | | ; | | | | | :_ | | | _, |
| | 14 | 3 | | _ | 1 | | | _ | | | | !_ | _i_ | | | |
| | 4 | | | _ | - - | | !_ | _ | | _ <u>;</u> - | | <u> </u> | 1 | | L | |
| | 4 | 2 | _ | Ŀ | + | • | - | 4 | _ | - - | | - | 4 | | 1_ | 1 |
| . | 4 | 7 | - | _ | + | _ | <u>! · </u> | 4 | | - - | | Ŀ | - - | _ | L | 4 |
| | 4 | / | $\overline{}$ | - | + | - | - | 4 | | - | | _ | + | | - | ╣. |
| | -4 | <u>, </u> | - | ٠. | + | - | - | + | _ | + | - | \vdash | + | <u>.</u> | Ŀ | 4 |
| - - | 5 | i l | - | _ | + | - | - | + | _ | + | - | - | +- | | - | 4 |

| | Claim | | | Date | | | | | | | | | | | | | | | | |
|---|----------|-----|---------------|--------------|-----|-----------|-----|---|----|----------|-----|----|-----|----|----|----------|-----|----------|----|-----------|
| | 1 1 | | | ╀ | _ | Т | _ | Т | | 7 | _ | 무 | at | e | _ | _ | _ | _ | _ | |
| | 1 | E L | 2 | | | | | | | | | | | | | | | | | |
| i | | | 5 | 1 | - | - | H | _ | t | | ╁ | - | ╁ | _ | - | - | H | - | _ | 4 |
| | | | 5 5 | 2 | - | _ | H | _ | t | _ | t | _ | ╁ | - | H | - | _ | + | | + |
| ı | | | 5 | 3 | Г | | | _ | ŀ | - | t | _ | t | _ | H | - | _ | + | - | + |
| ĺ | | | 5 | 4 | | ٦ | | _ | ŀ | _ | t | _ | t | _ | - | 1 | | + | - | \dagger |
| | | | 5 | 5 | | | _ | | Ī | | T | _ | T | | - | i | - | + | _ | † |
| 1 | | _ | 50 | 5 | | j | _ | | !_ | _ | 1 | | İ | | _ | 1 | | | _ | -L |
| - | | 4 | 5 | | _ | 1 | _ | | | _ | | _ | I | | | ٦ | | 7 | _ | T |
| - | | 4 | 58 | 3 | | 4 | | | L | _ | L | _ | L | | | | _ | 1 | | T |
| ŀ | | - | 59 | | | 4 | | 4 | L | | L | _ | L | _ | | 1 | | I | | Ι |
| ŀ | | - | 60 | 2 | _ | 4 | _ | _ | _ | _ | L | _ | L | 4 | | 1 | _ | 1 | | I |
| ŀ | | - | 62 | | _ | 4 | _ | 4 | _ | _ | L | | L | 4 | | 1 | | 1 | _ | 1 |
| } | | + | 63 | + | _ | + | _ | 4 | _ | - | _ | | L | 4 | _ | 4 | _ | 4 | | 1 |
| 1 | | + | 64 | | _ | + | | 1 | - | - | _ | _ | _ | - | | 4 | | ╀ | _ | Ļ |
| r | | 7 | 65 | ; | - | + | - | + | _ | - | _ | - | | + | _ | ╁ | _ | ╀ | | ╀ |
| T | _ | T | 66 | ; | - | \dagger | | 1 | - | - | - | - | _ | + | _ | ╁ | | ╁ | - | ╁ |
| | | | 67 | 7 | _ | † | | 7 | _ | 1 | | 1 | | + | - | t | _ | ╁ | - | H |
| · | | | 68 | | | 7 | | 7 | | 7 | _ | 1 | _ | † | | Ť | _ | ╁ | _ | f |
| L | | _ | 69 | | | Ι | _ | Ţ | | 7 | | 7 | | 7 | | † | | t | _ | Ħ |
| L | | _ | 70 | 1 | _ | | | I | _ | | | | | T | | T | | Ī | _ | |
| L | _ | 4 | 71 | 1 | | ļ | _ | 1 | | 1 | _ | 1 | | Ι | | | | L | | |
| H | _ | + | 72 | + | | Ļ | _ | 1 | _ | 1 | _ | 1 | | 1 | _ | L | | | | |
| H | | - | 73 74 | - - | _ | 1 | | 1 | | 1 | _ | 4 | | 1 | | L | _ | L | | L |
| H | _ | ╁ | 74 75 | + | | H | | ╀ | _ | + | _ | 4 | | ╀ | _ | L | _ | L | _ | |
| H | | + | /3 | ╁ | _ | ┞ | - | ╀ | - | + | _ | + | | ╀ | | L | _ | _ | 4 | _ |
| H | | 十 | 76 77 | ╁ | - | ┝ | | ╁ | - | + | _ | + | | ŀ | - | H | - | | 4 | |
| Г | | † | 78 | + | _ | t | _ | t | - | t | - | + | _ | ╁ | _ | ┝ | - | _ | ┥ | _ |
| | | | 79 | + | | T | _ | T | | t | _ | † | _ | t | - | - | 1 | - | + | - |
| L | | | 80 | Ι | | | | Γ | | T | _ | Ť | _ | T | | - | 1 | _ | 1 | _ |
| L | | | 81 | | | | | L | _ | I | | T | | Γ | | _ | 7 | | 1 | _ |
| _ | | L | 82 | Ļ | | L | _ | L | | L | | I | | | | | | | 1 | _ |
| _ | | | 83 | 4 | _ | L | _ | L | | L | | L | _ | L | | | | | I | |
| _ | | 1. | 34 35 | - | 4 | _ | _ | L | _ | ╀ | | 1 | _ | _ | 4 | _ | 1 | | 1 | |
| | | + | 36 36 | ╀ | - | | - | _ | _ | ┞ | | ╀ | | _ | 4 | | 4 | | 1 | |
| _ | | | 37 | ╁╴ | 1 | _ | - | _ | - | ┝ | | ╀ | _ | - | - | | 4 | _ | ļ | |
| _ | | 1 | 38 | \vdash | - | - | - | | - | ╁╴ | | ŀ | | - | + | - | ÷ | | - | |
| | | | 39 | T | 7 | _ | 7 | _ | _ | i- | _ | H | | _ | + | - | + | - | t | |
| | | Ĝ | 90 | 1 | 1 | _ | Ī | _ | | - | _ | r | | - | + | | † | | 1 | _ |
| | | 9 |)1 2 | Γ | 7 | | 1 | _ | | Ī | | 1- | 7 | _ | + | | - | | - | ÷ |
| | | 2 | 2 | | _Į. | _ | . į | | | | | ! | ! | | _1 | | .i | | • | |
| | | | 3 | _ | 1 | _ | - | _ | _ | _ | | Ĺ | _ | _ | I | | .!. | | !_ | |
| _ | | | 4 | <u> </u> | - | _ | 1 | _ | _ | _ | 4 | | _ | | 1 | _ | 1 | _ | Ĺ | |
| | _ | 9 | 5 6. | | + | | + | _ | 4 | ٠. | _ | _ | 4 | ٠. | 1 | <u>.</u> | Ļ | | L | |
| | - | .9 | | | ╀ | _ | + | | - | <u>.</u> | - | _ | - - | | - | | Ļ | <u>.</u> | _ | _ |
| | \dashv | 9 | | . | 1 | | + | _ | + | _ | 1 | _ | | _ | + | _ | 1 | | Ŀ | 4 |
| _ | | 9 | <u> </u> | | t | _ | t | - | † | _ | 7 | - | + | _ | 1 | _ | - | | ŀ | \dashv |
| _ | | _ | | | | | | | | | - 1 | | 1 | | | | | | | |

| | | j | L | | | | Ĺ | _ | | _ | <u>· .</u> | | |
|--------------|----------|-------------|----------|----|---------------|-----------|----------------|----|----------|------------|------------|-----------|----------|
| ٦ . | | | _ | _ | | _ | _ | _ | | | | | |
| - | | laim | ╀- | _ | | | , . | D | ate | 9 | | | |
| | _ | ā | İ | ł | • | | | 1 | | | | | |
| | Final | Original | | 1 | : | | | | | | | | 1 |
| 11 | ıL. | ō | 1 | 1 | i | | | 1 | i | | | 1 | 1 |
| 1 | | 101 | H | + | , | | - | + | _ | | _ | _ | |
| 1 } | | 102 | ╀ | + | ! | | - | 4 | _ | | _ | | _ |
| 1 | | 103 | H | + | | | - | ÷ | - | | _ | _ | <u> </u> |
| it | | 104 | ⊢ | + | + | | - | ╀ | - | | _ | <u> </u> | |
| l t | | 104 105 | - | + | ! | | - | ╀ | - | _ | - | | _ |
| ĺi | | 106 | | ŀ | | | ! | : | i | - | | | |
| | | 107 | | Ť | . 1 | | - | 1- | \dashv | - | - | | |
| | | 108 | | † | | - | - | 1 | + | - | | \neg | - |
| | | 109 | | T | - | | | 1 | 1 | \neg | | \neg | |
| | | 110 | | Ī | | | | T | 1 | | | | _ |
| | | 111 | | L | _; | | _ | I | | | | \neg | |
| - | | 112 | | L | \downarrow | _ | _ | | I | | | \exists | |
| - | | 113 | | L | 1 | _ | ·- | _ | 1 | _] | | | |
| - | | 114 | | - | | _ | | _ | - - | 4 | _[| | |
| - | | 116 | | - | -;- | - | | _ | 4 | - | _ | _ | _ |
| - | | 117 | | ┝ | | - | | L | + | 4 | - | 4 | |
| | | 118 | | ŀ | + | - | | _ | + | - | + | - | |
| - | \neg | 119 | | - | + | + | - | | + | - | | -+ | \dashv |
| | | 120 | | - | | 1 | - | - | ╁ | 1 | | + | \dashv |
| | | 121 | | | T | + | 7 | | + | + | \dashv | + | \dashv |
| | | 122 | | | Ť | 7 | \neg | _ | † | - | + | | \dashv |
| | | 123 | | _ | - | | | | 1 | 1 | 7 | 十 | \dashv |
| L | | 124 | _ | | Ī | \perp | | | | | | _ | \neg |
| - | | 125 | 4 | _ | 1 | \perp | _ | | | | | | |
| \vdash | | 126 127 | 4 | _ | + | 4 | 4 | _ | L | 4 | | | |
| - | -+ | 128 | 4 | | + | 4 | 4 | | \perp | _ | | _ _ | _ |
| \vdash | | 129 | - | _ | ╀ | ╁ | 4 | | ╀ | 4- | - - | - - | 4 |
| | $\neg +$ | 130 | -} | - | ╁ | ╁ | - | | ┝ | + | + | - - | |
| | | 131 | + | | \vdash | ╁ | + | - | ╁ | + | + | + | \dashv |
| | T | 132 | 7 | | ╁ | \dagger | + | _ | + | + | + | + | \dashv |
| | | 133 | \top | | \dagger | \dagger | \dagger | _ | \vdash | + | + | + | \dashv |
| | | 134 | | _ | | T | 1 | _ | | ╁ | 1 | + | - |
| _ | | 135 | \perp | _ | i | I | | | | 1 | 1 | 1 | 7 |
| _ | | 36 | 1 | _ | _ | L | | | | | | | 7 |
| - | | 37 | _ _ | | | Ļ | _ļ. | | | L | I | _ _ | |
| - | | 38 | - - | | ! | 1 | - | 4 | _ | _ | - | _ _ | |
| | | 40 | - - | | . – | ļ | - - | | | ļ. | - | 1 | - |
| | - - | 41 | + | _ | | - | - - | | | <u> </u> _ | - - | - | |
| 1 | | 42 | | | | | | | | | | | |
| | 1 | 43 | + | - | | - | - - | ÷ | | † - | - | - - | - |
| | _ 1 | 44 , | 1 | _ | | i | 1- | 1 | _ | † | | | - |
| <u></u> | | 45- | Ŀ | | | | 1. | 7 | • | \vdash | - | + | ┨. |
| <u> : :</u> | | 46 | L | Ī | : | | | 1 | | | 1 | \vdash | 1 |
| <u></u> | | 47 | L | _i | | | | | | | | 1 | 1. |
| <u> </u> | | 48 | \perp | . | | | L | I | _ | | | I | |
| - | 11. | 49 . | <u> </u> | 4 | _ | | Ŀ | 1 | | | | |] |
| <u></u> | 1:1: | 50 | 1_ | - | | | 1. | 1 | | | 1 | 1 | 1. |